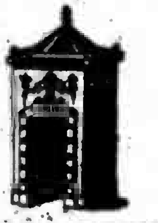


PIERCE'S PATENT PYRO-PNEUMATIC STOVE GRATE

FOR WARMING AND VENTILATING

CHURCHES, CHAPELS, INFANT AND OTHER SCHOOLS, RAILWAY STATIONS AND OFFICES, PUBLIC BUILDINGS, INVALIDS' APARTMENTS, AND PRIVATE DWELLINGS, &c. &c.

IS SELF-ACTING, and combines SUMMER WARMTH, PERFECT VENTILATION, SIMPLICITY OF ARRANGEMENT, NOVELTY OF PRINCIPLE, and ELEGANCE OF DESIGN, which, with the great ECONOMY IN USE, renders this GRATE suitable for any situation where a POWERFUL DEGREE of WARMTH and the CHEERFUL OPEN FIRE are desirable.

AND MAY BE SEEN IN DAILY USE AT THE
SOCIETY OF ARTS, POLYTECHNIC INSTITUTION, UNIVERSITY HALL, WESTMINSTER CHAPEL, BUCKINGHAM PALACE.
And at the
SHOW-ROOMS AND MANUFACTORY, No. 5, JERMYN-STREET, REGENT-STREET,
Where Prospectuses and Testimonials, with innumerable References, may be obtained, and every information afforded.

IRONWORK.—THOMAS PERRY and SONS, 98, Oxford-street (near Hyde-park) and Highfield's Foundry and Wrought-iron Works, BILSTON, STAFFORDSHIRE. ESTABLISHED 1800. Manufacturers of all descriptions of Cast and Wrought-iron Work, GATES, BALCONIES, CAST-IRON VENTILATING PANELS, for hot water apparatus, &c. Iron and Wire Fencing, Hurdles, Stable Fittings; also IRON AND BRASS BEDSTEADS. The trade supplied on the most liberal terms.

Estimates prepared and drawings made, if required. An extensive stock always on hand at the London Depôt and at the Works.

WINDOW SASH LINE.—R. S. NEWALL and CO.'S PATENT COPPER WIRE CORD is now very extensively used for window sash line, the advantages being, that it is cheaper, much more durable, about half the weight, and one-sixth part the bulk of common hempen rope. Brass Axle Pulleys to suit the same.

COPPER WIRE ROPE LIGHTNING CONDUCTORS.
GILT AND PLATED CORD FOR HANGING PICTURES.
WIRE STRAND FOR FENCING IN PARKS, RAILWAYS, &c.

Offices, 130, Strand, London; Warehouse, Brunswick-street, Blackwall; Manufactory, Gateshead-on-Tyne.

PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. FOX and BARRETT, 46, Leicester-square.

HOT-WATER APPARATUS.—The attention of architects, builders, and others is respectfully requested to BENJAMIN FOWLER'S superior method of heating churches and chapels, halls, staircases, conservatories, forcing and greenhouses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency.

BENJAMIN FOWLER, late of 63, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

TO GAS AND WATER COMPANIES, ENGINEERS, AND CONTRACTORS.

ANDREW M'LAREN & Co., Ironfounders, STEEL YARD WHARF, UPPER THAMES-STREET, have always on hand a large STOCK of SOCKET PIPES of all sizes, with the usual connections. Retorts, columns, girders, and all description of castings contracted for.

Their stock of goods for GENERAL IRONMONGERS is unequalled for variety and lowness of price: comprising, range, register, and elliptic metal and stoves, rain-water pipes, O. G. and half-round guttering, sash-weights, railing bars, panels, bakers' oven work, sink traps, air bricks, water closet metal, &c. &c.

Printed list of prices, and books of drawings for the use of ironmongers, forwarded on application.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Cantilevers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKER'S OVEN WORK, Furnace Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c. always in stock.

THE GALVANIZED IRON COMPANY, No. 3, Mansion-house-place.

Call the particular attention of Architects, Builders, and others, to their patent process of galvanizing, or coating iron with PURE ZINC, which, from its action being chemically true, effectually and PERMANENTLY prevents RUST. The process is applicable to all sorts of iron work (whether cast or wrought) in use for building purposes, such as ROOFS, gutters, girders, doors, WATER or GAS PIPES, railings, window sashes and guards, blinds, skylight frames, chimney cowls, cisterns, screws, nails, locks, keys, chains, wire guards, &c. &c. &c. The Company undertake to supply GALVANIZED IRON, or to GALVANIZE every description of iron work, in any quantity required.—Particulars and prices at the Offices of the Company, 3, Mansion-house-place. London Galvanizing Works, Millwall, Poplar. S. VINCENT, Secretary.

N.B. This Company's patent process is applied to the roofs of the New Houses of Parliament, the sheds in the dockyards at Woolwich, Portsmouth, and Devonport, the Waterloo Station belonging to the London and North-Western Railway Company at Liverpool, and numerous other railway stations, &c., &c., with the most perfect success.

IRON ROOFING WORKS,
BIRMINGHAM, late of Southwark.
Offices.—3a, MANSION-HOUSE-PLACE, LONDON.
JOHN H. PORTER,
PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors;
MANUFACTURER OF IRON ROOFS AND BUILDINGS,
Chiefly of
THE PATENT GALVANIZED IRON.

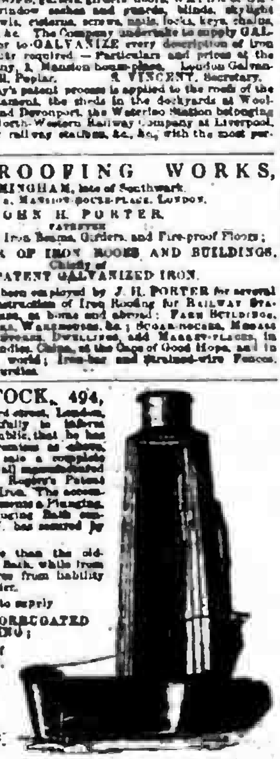
This material has been employed by J. H. PORTER for several years past in the construction of Iron Roofing for RAILWAY STATIONS and DOCKYARDS, at home and abroad; FARM BUILDINGS, FACTORIES, GASWORKS, WAREHOUSES, &c.; SUGAR-HOUSES, MOSQUES and COFFEE-SHEDS, STORES, DWELLINGS, and MARKET-PLACES, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; Iron-bar and Strained-wire Fences, Sheep and Cattle Hurdles.

A. WHYTOCK, 494, New Oxford-street, London, begs most respectfully to inform Builders and the public, that he has removed to the premises as above, where he has on sale a complete variety of BATHS, all manufactured of Morewood and Rogers's Patent Galvanized Tinned Iron. The accompanying sketch represents a Plunging, a Shower, and Sprinkling Bath combined, which A. W. has secured by registration.

It costs no more than the old-fashioned Shower Bath, while from its simplicity it is free from liability of getting out of order.

A. W. continues to supply
PLAIN AND CORRUGATED ROOFING;
and Houses made of the Patent Metal, for
CALIFORNIA
AND THE
COLONIES.

WORKS—5, QUICKSET-ROW, NEW-ROAD.



TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above, of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, constantly on sale, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

STEVENS and SON, GAS ENGINEERS, IRON and BRASS FOUNDERS, and CONTRACTORS for the ERECTION of GAS WORKS, inclusive of APPARATUS, of every description, for the MANUFACTURE of GAS, and the FITTINGS of from 20 to 20,000 LIGHTS, whether for public or private use. Established in 1815. Manufacturers of station-meters and governors; and consumers' gas-meters, of the most approved construction. Cast-iron mains supplied and laid for gas or water; street-lamp posts, brackets, and lanterns, copper, iron, or tin lanthorns. Tanks and liquor backs, of any dimensions, in cast-iron or galvanized wrought-iron, constructed and erected. The patent semaphore railway signals; and railway lamps, for stations, engines, carriages, signalmen, &c. Registering turnstiles, for bridges, piers, baths, public gardens, &c. Architectural designs carved in wood, or modelled in wax or composition, by artists on the premises, and cast in bronze, brass, iron, &c. And drawings, plans, and specifications submitted.—Address, STEVENS and SON, Darlington Works, 19, Southwark-bridge-road, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN, St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 3½d. per inch.
Register Stoves, 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with Circular Ovens and Back Boilers, best wrought bars and bright fittings—
3 ft., £1 18s. 3 ft. 6 in., £2 [illegible] 4 ft., £2 14s.
3-feet Cottage Ranges, with Oven and Back-Boiler, 35s. each.
3-feet self-acting ditto ditto, 38s. each.
Air Bricks, 2s. 6d. per doz. Sash weights, 6s. per cwt.

Best Patent Cut Clasp.

4½d.	5d.	7d.	10d.	1s. 2d.	1s. 9d. per 1,000
3d.	4d.	6d.	8d.	10d.	20d.

Best Sheet Floor Brads, 12s. per cwt.
Best Town Glue 50s. Do. Scotch, 56s. per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross

At F. R. WILLIAMS'S IRONMONGERY and STOVE WAREHOUSE, 22, Chiswell-street, Finsbury-square.
Lists of Prices had on application at the Warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

CLARK'S IRONMONGERY, STOVE, RANGE, and METAL WAREHOUSE, 133, Shoreditch.
Strong Elliptic Stoves, with extra back, 3½d per inch. Register Stoves, 5d. per inch.

Three-feet Self-acting Cottage Ranges, 28s. each. Best Self-acting with Wrought Bars and Bright Fittings, 35s. each.

Cast Rain-water Pipe.

9d.	11d.	1s. 1d. per yard.
2	2½	3 inch.

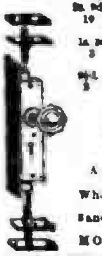
Gutters, 4 inch, 2½d. per yard.

Best Cut Clasp and Rose.

15s.	14s. 6d.	14s.	13s.	12s. 6d. cwt.
1½	1¾	2	2½	3 inch.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 14s. per cwt. Cast Lath, 9s. 6d. per cwt.
6-inch 3 bolts Rim Locks, with Scotch Springs, best furniture, patent spindles, 12s. a-dozen.
4-inch 3 bolts Ward Round Mortise, with best furniture and patent spindles, 2s. 9d. each.
Improved Bow Latches, with best furniture, 7s. a-dozen.
P.S.—A List of Locks, Bolts, and other Ironmongery, on application.

TO BUILDERS, CABINET-MAKERS, and OTHERS.



Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose.

15s.	14s. 6d.	14s.	13s.	12s. per cwt.
1½	1¾	2	2½	3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 9d.	3s. 3d.	4s. [illegible]	5s.	6s.	7s.
10	12	14	16	18	20 in.

Best Bright Tower Bolts, per doz.

1s. 3d.	1s. 7d.	2s.	2s. 6d.	2s. 10d.	3s. 3d.	3s. 7d.
3	4	5	6	7	8	9 in.

Iron Rain-water Pipe.

9½d.	10½d.	1s. 1d.	1s. 3d.	1s. 6d. per yard.
2	2½	3	3½	4 inch.

Best London Glue, 52s. per cwt.
Cast Lath Nails, 10s. per cwt.
Air Bricks, 2s. 6d. per doz.
Hooping for bond, £8 10s. per ton.
Sash Weights, 6s. per cwt.
TERMS—NET CASH.
A price list may be had on application.
A. L. PFEIL and Co.,
Wholesale Ironmongers, Brass Foundry and Nail Warehouse,
5 and 6, Broad-street, Bloomsbury, London.
AGENTS FOR LEA'S PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS AND CARPENTERS.

J. H. BOOBBYER and CO., late Sturch and Boobbyer, at their Ironmongery, Brass Foundry, and Nail Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 12s. per cwt.

Fine Cut Clasp and Rose

15s.	14s. 6d.	14s.	13s.	12s. per cwt.
1½	1¾	2	2½	3 inch.

Best Bright Tower Bolts

1s. 3d.	1s. 7d.	2s. 2d.	2s. 6d. per dozen.
3	4	5	6 inch.

Best Patent Sash Line

	4s.	4s. 6d.	5s.	7s. 6d.		10s. 6d. per gross.
No.	1	2	3	4	5	6

Cast Lath Nails, 10s. per cwt. Sash Weights, 6s. per cwt.
Air Bricks, 2s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.
11 by 8 inches .... 6s. each.
16 by 9 .... 8s. "
An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo horn, brass, &c., with Finger-plates, Bell-pulls and Levers en suite.

Agents for LEA'S PATENT MORTISE LOCKS and BOLTS, and Inventors of SHIFTING BOLT MORTISE LOCKS, &c.

TO BUILDERS, CARPENTERS, &c.—The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNG'S, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

		2	2½	3 Inches.	
Cast Butts		5s. 3d.	7s. 6d.	11s. per 6 dozen.	
Cut Clasp	5d.	7d.	1s. 2d.	1s. [illegible]	} per 1,000
	4d.	6d.	10d.	20d.	
Nos.	1	4	5	6	
Patent Line	6s.	7s. 9d.	8s.	10s. 6d. per gross	
	2	2½	3 Inches.		
Rain Pipe	9½d.	10½d.	1s. 1d. per yard.		

TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manufacturing Ironmongers, Nos. 53, 54, and 55, Wych-street, Strand. Established 1825. Proprietors and sole Manufacturers of PITT'S PATENT SELF-ADJUSTING DOOR FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVES.

HART and SONS solicit the attention of Builders, House Decorators, Smiths, Bell-hangers, &c. &c. to their extensive and well selected stock of DOOR FURNITURE in every suitable material, en suite with finger-plates, bell-pulls, levers, &c., and also to their

LOCKS and LATCHES in mortise, rim, drawback, iron gate, cabinet, &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their

GENERAL IRONMONGERY, wrought and cut nails, screws, hinges, bolts, &c. &c.

BRASS FOUNDRY.—Bell cranks of all descriptions, cornice poles, picture rods, show door handles, desk and hat rails, window guards, Espagnolette bolts, &c. &c.

DOOR SPRINGS and HINGES, including Redmund's, Smith's, Gerish's, and Cotterell's patents.

WINDOW BLIND FITTINGS of the most approved principle.

LEA'S RACK BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.

HART and SONS, aware that the practice of publishing NET price lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices shall be equally as low as those of any other respectable house.

JENNINGS' PATENT SHOP SHUTTER SHOES and FASTENERS, INDIA RUBBER TUBE-COCKS, and WATER CLOSETS, can be had through any plumber or ironmonger. The only manufacturers are—JOHN WARNER and SONS, Crescent, Jewin-street, and GEORGE JENNINGS, Patentee, 29, Great Charlotte-street, Blackfriars road.—Descriptive drawings and testimonials sent free, on application.

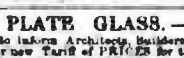
SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 64, REGENT-STREET and 121, CHANCERY LANE. Patent sealed on the 4th day of February, 1843, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Raising and Lowering Shutters without Machinery, and Two for Hinging and Sheathing the Edges of Wood Laths with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security and simplicity, without the use of cog-wheel worm and screw gear or any other complicated machinery employed by other makers.

SOHO CROWN, SHEET, PATENT PLATE, ORNAMENTAL, and PLATE GLASS WAREHOUSE, 24, Soho-square, London.—ALFRED GOSLETT begs to call the attention of the trade to his large and valuable STOCK of the above descriptions of GLASS, which he can offer at the very lowest wholesale prices, delivered either in crates, as manufactured, or cut to size and glazed.

PATENT PLATE GLASS.—HETLEY and CO. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of PRICES for the above is now ready, and will be forwarded on application. A REDUCTION of about 40 per cent. has been made on the usual Glazing sizes.—Sheet, Crown, and Ornamental Window-Glass Warehouse, 35, Soho-square, London.—ROUGH PLATE GLASS.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the trade to the reduced prices of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for glazing, of unrivalled quality and finish. ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, and at the lowest terms. List of prices, estimates, and every information sent on application. THE ROYAL ARMS, richly painted on glass,—size, 48 inches by 38,—well adapted for a public Company's Hall; to be seen at their warehouse, 315, Oxford-street.



HURWOOD'S PATENT APPARATUS for MOVING and FASTENING WINDOWS, &c.

GENERAL DESCRIPTION.—This invention recommends itself in all its applications by its simplicity, efficiency, and certainty of action, and entirely dispenses with all pulleys, weights, cords, springs, sector, fastenings, &c. A principal feature in the invention is the application of the screw, or worm working into a wheel or rack, as a prime mover. The apparatus moves with ease and certainty; is very durable, not likely to be out of order; is perfectly secure in every position, and is applicable to conservatories, French casements, folding-shutters, stables, ventilators, skylights, ship scuttles, deck and stern lights, and to all descriptions of windows, and is particularly adapted to public buildings, where security is an important object, as in lunatic asylums.

Further particulars may be had upon application to the Patentee, and also the terms upon which licenses are granted.

*** Illustrative Catalogues may also be obtained from the Patentee, Ipswich, by inclosing twelve stamps, to cover postage.

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